

**Table 29**  
**RECIPROCATING ENGINES**

<b>ENGINE DATA</b>			
Emission Point Number From Table 1(a) _____		Manufacturer _____ Model No. _____ Serial No. _____ Orig. Mfr. Date _____ Rebuild Date(s) _____ No. of Cylinders _____ Compression Ratio _____	
<b>APPLICATION</b> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">                         _____ Gas Compression                          _____ Electric Generation                          _____ Refrigeration                          _____ Other (Specify) _____                     </div> <div style="width: 50%;"></div> </div>			
<input type="checkbox"/> 4 Stroke Cycle <input type="checkbox"/> 2 Stroke Cycle	<input type="checkbox"/> Carburetted <input type="checkbox"/> Fuel Injected	<input type="checkbox"/> Spark Ignited <input type="checkbox"/> Diesel	<input type="checkbox"/> Dual Fuel
<input type="checkbox"/> Naturally Aspirated <input type="checkbox"/> Turbocharged		<input type="checkbox"/> Blower/Pump Scavenged <input type="checkbox"/> Intercooled (I.C.)	
		<input type="checkbox"/> Turbocharged & I.C. <input type="checkbox"/> I.C. Water Temperature _____	
Ignition/Injection Timing: <input type="checkbox"/> Fixed <input type="checkbox"/> Variable			
Mfg. Rating Horsepower _____ Speed (rpm) _____		Proposed Operating Range _____ _____	

<b>FUEL DATA</b>			
<input type="checkbox"/> Field Gas	<input type="checkbox"/> Landfill Gas	<input type="checkbox"/> LP Gas	<input type="checkbox"/> Other
<input type="checkbox"/> Natural Gas	<input type="checkbox"/> Digester Gas	<input type="checkbox"/> Diesel	
Engine Fuel Consumption _____ BTU/bhp-hr Heat Value (specify units) _____ (HHV) (LHV) Fuel Sulfur Content _____ (granins/100 scf)(weight percent)			

<b>FULL LOAD EMISSIONS DATA</b>			
No <sub>x</sub> _____ g/bhp-hr	CO _____ g/bhp-hr		
_____ ppmv	_____ ppmv		
VOC(C <sub>3</sub> <sup>+</sup> ) _____ g/bhp-hr	Total HC _____ g/bhp-hr		
_____ ppmv	_____ ppmv		
<i>Attach information showing emissions versus engine speed and load.</i>			
<b>Method of Emissions Control:</b>			
<input type="checkbox"/> Lean Operation	<input type="checkbox"/> Parameter Adjustment	<input type="checkbox"/> SCR Catalyst	
<input type="checkbox"/> Stratified Charge	<input type="checkbox"/> NSCR Catalyst	<input type="checkbox"/> Other (Specify) _____	

<b>ADDITIONAL INFORMATION</b>	
<p><i>On separate sheets attach the following:</i></p> <ul style="list-style-type: none"> <li>A. A copy of engine manufacturer's site rating or general rating specification for the engine model.</li> <li>B. Typical fuel analysis, including sulfur content and heating value. For gaseous fuels, provide mole percent of constituents.</li> <li>C. Description of air/fuel ratio control system (manufacturers's information acceptable).</li> <li>D. Details regarding principle of operation of emissions controls. If add-on equipment is used, provide make and model and manufacturer's information.</li> <li>E. Exhaust parameter information on Table 1(a).</li> </ul>	

